Selection Guide

IT & Data Center

RA Series rack



Powering Business Worldwide



* At Eaton, we believe that power is a fundamental part of just about everything people do. That's why we're dedicated to helping our customers find new ways to manage electrical, hydraulic and mechanical power more efficiently, safely and sustainably. To improve people's lives, the communities where we live and work, and the planet our future generations depend upon. Because this is what really matters. And we're here to make sure it works.

To learn more go to: Eaton.com/whatmatters

EATON
Powering Business Worldwide

We make what matters work.

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Our capabilities

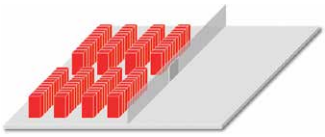
Small, hyper scale or in between, we bring innovation to your data center

Every day the world becomes increasingly reliant on big data. Whether it's connecting regional data centers, supporting vast transactional networks, or providing services to multiple clients, you can benefit from a partner who understands the demands and nuances of your specific IT environment. Regardless of the size of the environment, Eaton delivers the thought leadership and innovation to create IT systems with exceptional reliability and agility that are tailored to your unique needs.



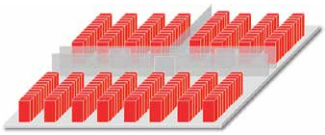
Small Business

IT must provide application availability and support cloud-based architecture, virtualization, consolidation and emerging technologies. Eaton has a variety of products and services to help you keep your IT systems running efficiently without interruption.



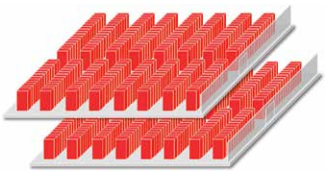
Medium / Large Enterprise

With zero tolerance for risk, IT managers demand reliability and assurance of redundant systems. Data centers must continuously stay in step with the latest technologies and aligned with business strategies. Regardless of your data center's lifecycle – from design/build, commissioning, operation or expansion/ contraction through decommissioning – you can get the most out of your existing data center with the least risk and cost.



Multi-tenant / Colocation

Faced with the challenge of having to accommodate different business models and solve for unpredictable power and cooling needs, uninterrupted service is everything. Avoiding downtime is critical. And the ability to scale up or down on demand, and faster time to market is crucial. Flexible, modular solutions with state-of-the-art power reliability, efficiency and control help you meet your tenants' needs and maximize your ROI.

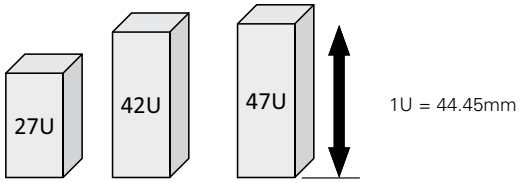


Hyper scale

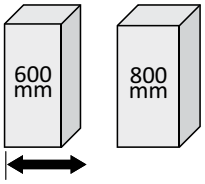
In today's environment of big data and cloud computing, exponentially increasing volumes of data and demand for different applications must be accommodated quickly and cost-effectively. Growth can't outpace capacity. High performance computing and higher density architecture call for innovative solutions from an expert partner who can help you deploy them efficiently and reliably.

Features

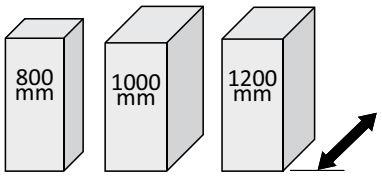
Rack Heights



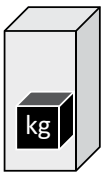
Rack Widths



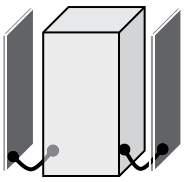
Rack Depths



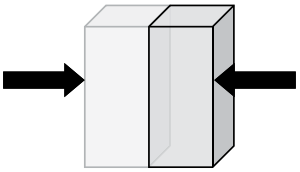
Rack Loading



Rack Grounding



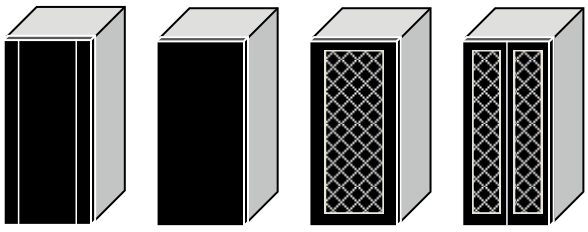
Rack Baying



Solid Doors

Vented Doors

Double Vented Doors



Eaton's RA Series IT racks deliver advanced protection for critical IT equipment in network closets, small server rooms and data centre applications.



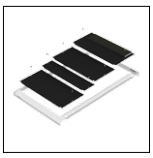
Designed for fast and easy set-up, the RA Series rack has features IT specialists need in an affordable ready-to-go rack system, with a static load capacity of 1100kg.

Standard builds include load bearing castors (750kg dynamic load), jacking feet (adjustable from inside or outside the rack), locking front and rear doors, locking side panels, U-markings front and rear, 100mm enhanced cable trays in rear, baying kit and earth kit.

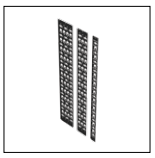
The RA Series racks all have the ability to be assembled within an aisle containment configuration with pre-fabricated end-of-row doors and horizontal roof panels which are also simple and quick to install.

Standard racks include:

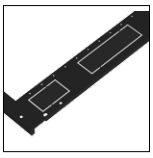
- Fully assembled sturdy rack frame with load-bearing castors, jacking feet and integrated bolt-down facility
- Four painted infinitely adjustable (step-less)19" mounting rails with unit height markings on front and rear
- Enhanced cable trays facilitating PDU and accessory mounting fitted at rear
- Top panel with removable plates and brush-entry panel at rear. Side cable twist-outs (on 800mm wide models only)
- Split rear doors (on 800mm wide vented models) or single rear door (on 600mm wide models & solid steel door models)
- Swing handles with key lock front and rear
- Locking side panels with flush fitting locks
- Grounding kit
- 2 year standard warranty
- Baying kit & Fixings kit (50 cage nuts, screws & washers)



User-configurable top infill panels, and brush panel at rear



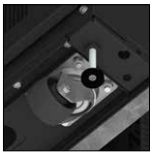
Enhanced cable / PDU / accessory tray



Twist-outs on 800mm wide tops allow additional cable access



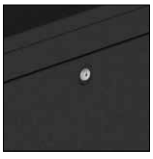
Configurable lift off hinges allows field switching of door handing



HD Castors and Jacking Feet



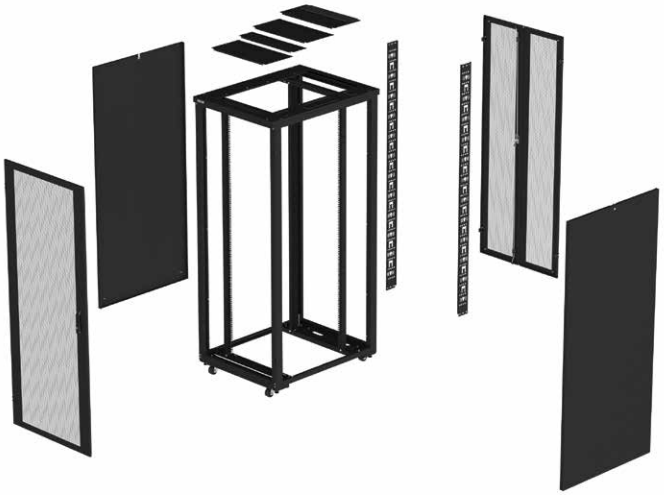
Unit height labels on front & rear rails

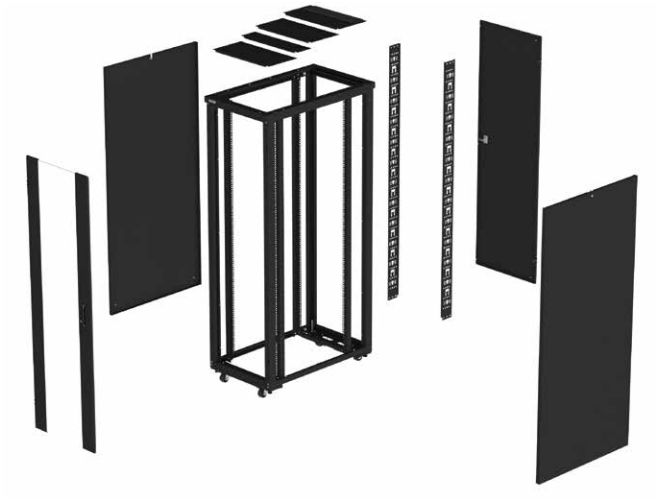


Key locking removable side panels for security with in-set locks enabling baying together

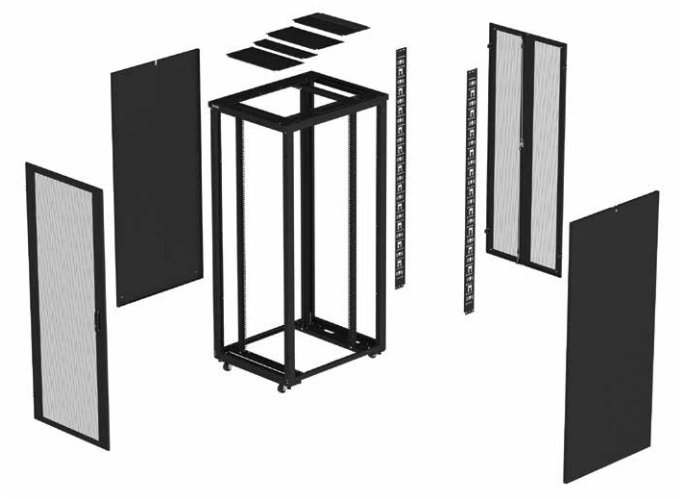


Secure key-locking swing handles on front & rear doors

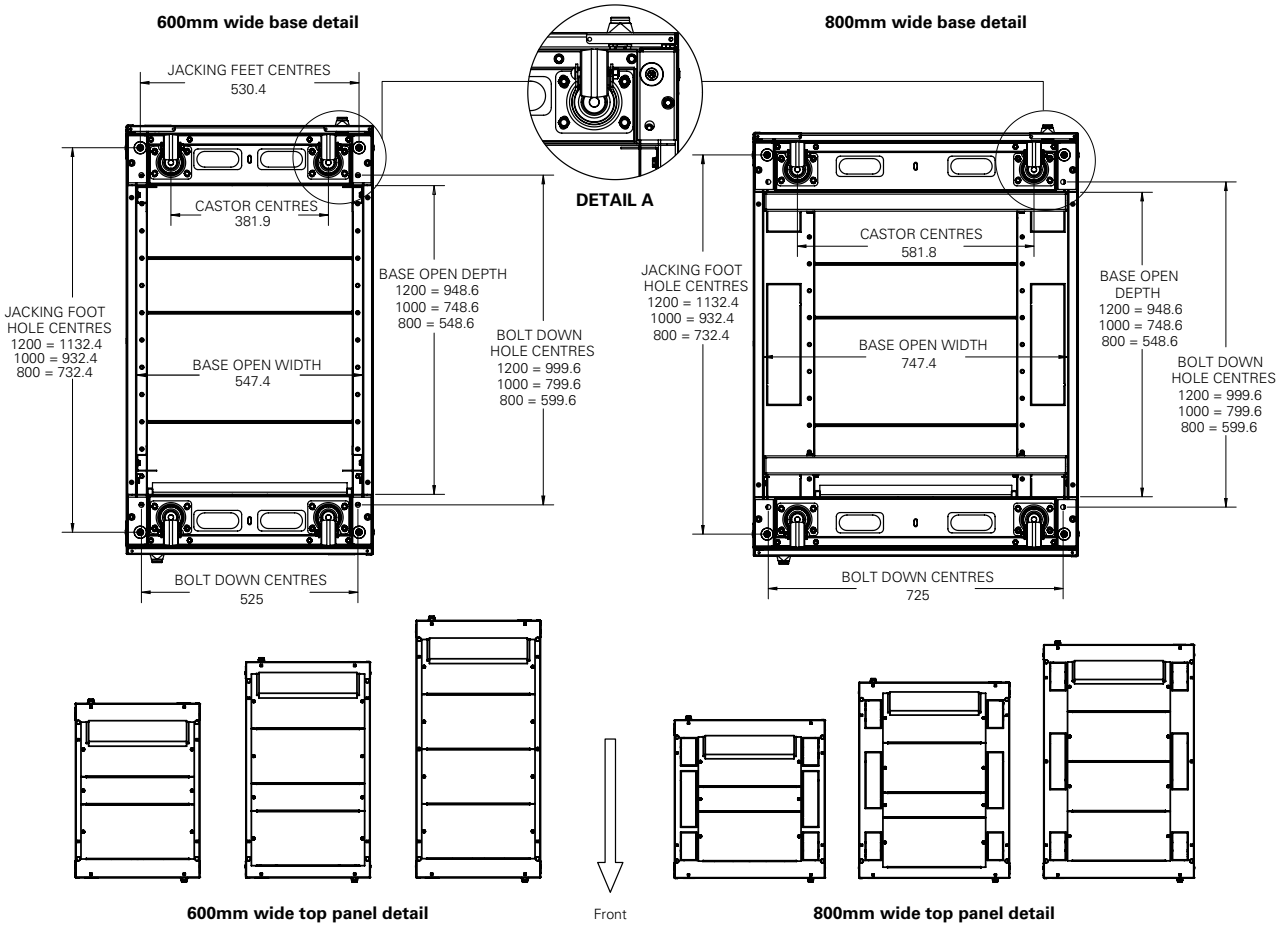




Typical 600mm wide RA Series Basic Rack Configuration



Typical 800mm wide RA Series Active Rack Configuration



Applicable to all RA Series racks in this range

Rail Mounting Width	482.6mm (19") fully compliant to EIA-310-E
Static Load rating	1100kg evenly distributed
Dynamic Load rating	750kg evenly distributed
Colour	Black RAL 9005
Door opening angle	180° angle with non-bayed installations, left-hand hinged, field reversible. (140°for bayed racks)
Door perforation (vented door models);	80%
Glass specification (glass door models);	4mm clear toughened, conforms to EN12150
Regulatory approvals & standards	EIA-310-E, IEC / EN 60950, IEC / EN 60297, IEC 529
Protection class	IP20—when configured with doors and side panels
Warranty	2 years

Eaton RA Series IT Rack technical specifications & order codes

Equipment mounting height	27U	27U	27U	27U	27U	27U	42U
Width & Depth (mm)	**600x800D**	**800x800D**	**600x1000D**	**800x800D**	**800x800D**	**800x1000D**	**600x800D**
Order Code (Black finish)	**RAA27608PSB13**	**RAB27608PSB13**	**RAA27610PSB13**	**RAA27808PSB13**	**RAB27808PSB13**	**RAA27810PSB13**	**RAA42608PSB13**
Physical							
Height (castors fitted as standard)	1410mm	1410mm	1410mm	1410mm	1410mm	1410mm	2076mm
Height (castors removed)	1362mm	1362mm	1362mm	1362mm	1362mm	1362mm	2028mm
Width	600mm	600mm	600mm	800mm	800mm	800mm	600mm
Depth	840mm	840mm	1040mm	840mm	840mm	1040mm	840mm
Weight of assembled rack	71kg	75kg	79kg	96kg	98kg	104kg	99kg
Front door—Perforated	Single		Single	Single		Single	Single
Front door—Glass		Single			Single		
Rear door—Perforated	Split		Single	Split		Split	Single
Rear door—Solid metal		Single			Single		
Max rail mounting depth (cable tray re-moved*)	538mm (638mm*)	538mm (638mm*)	738mm (838mm*)	538mm (638mm*)	538mm (638mm*)	738mm (838mm*)	538mm (638mm*)
Heat load stability for glass/solid doors**		<1.5kW			<1.5kW		

Equipment mounting height	42U	42U	42U	42U	42U	42U	42U
Width & Depth (mm)	**600x800D**	**800x800D**	**600x1000D**	**600x1200D**	**800x800D**	**800x1000D**	**800x1200D**
Order Code (Black finish)	**RAB42608PSB13**	**RAB42808PSB13**	**RAA42610PSB13**	**RAA42612PSB13**	**RAA42808PSB13**	**RAA42810PSB13**	**RAA42812PSB13**
Physical							
Height (castors fitted as standard)	2076mm	2076mm	2076mm	2076mm	2076mm	2076mm	2076mm
Height (castors removed)	2028mm	2028mm	2028mm	2028mm	2028mm	2028mm	2028mm
Width	600mm	800mm	600mm	600mm	800mm	800mm	800mm
Depth	840mm	840mm	1040mm	1240mm	840mm	1040mm	1240mm
Weight of assembled rack	103kg	133kg	109kg	119kg	131kg	141kg	151kg
Front door—Perforated			Single	Single	Single	Single	Single
Front door—Glass	Single	Single					
Rear door—Perforated			Single	Single	Split	Split	Split
Rear door—Solid metal	Single	Single					
Max rail mounting depth (cable tray re-moved*)	538mm (638mm*)	538mm (638mm*)	738mm (838mm*)	938mm (1038mm*)	538mm (638mm*)	738mm (838mm*)	938mm (1038mm*)
Heat load stability for glass/solid doors**	<1.5kW	<1.5kW					

Equipment mounting height	47U	47U	47U	47U	47U	47U
Width & Depth (mm)	**600x800D**	**600x1000D**	**600x1200D**	**800x800D**	**800x1000D**	**800x1200D**
Order Code (Black finish)	**RAA47608PSB13**	**RAA47610PSB13**	**RAA47612PSB13**	**RAA47808PSB13**	**RAA47810PSB13**	**RAA47812PSB13**
Physical						
Height (castors fitted as standard)	2298mm	2298mm	2298mm	2298mm	2298mm	2298mm
Height (castors removed)	2250mm	2250mm	2250mm	2250mm	2250mm	2250mm
Width	600mm	600mm	600mm	800mm	800mm	800mm
Depth	840mm	1040mm	1240mm	840mm	1040mm	1240mm
Weight of assembled rack	108kg	119kg	126kg	142kg	153kg	164kg
Front door—Perforated	Single	Single	Single	Single	Single	Single
Front door—Glass						
Rear door—Perforated	Single	Single	Single	Split	Split	Split
Rear door—Solid metal						
Max rail mounting depth (cable tray re-moved*)	538mm (638mm*)	738mm (838mm*)	938mm (1038mm*)	538mm (638mm*)	738mm (838mm*)	938mm (1038mm*)
Heat load stability for glass/solid doors**						

** subject to sufficient cool air availability

Eaton's RA Series co-locate / multi-hosting racks provide the perfect space saving solution, allowing 2 (*or 4) conventional rack spaces to be housed within a single rack footprint.



The RA Series co-locate rack has features IT specialists need in an affordable ready-to-go rack system, with a static load capacity of 1100kg.

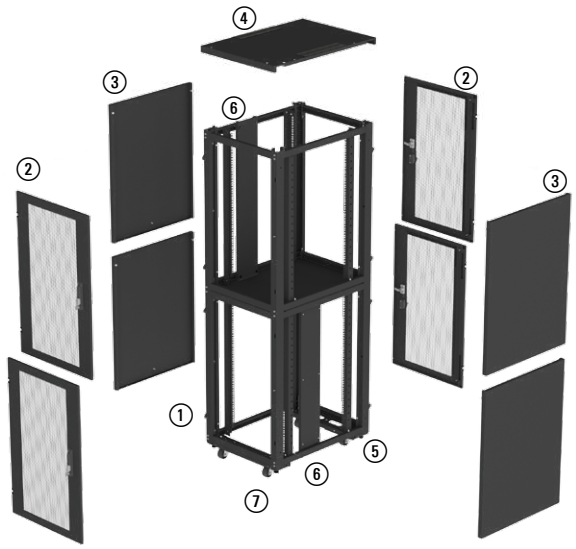
Standard builds include load bearing castors (750kg dynamic load), jacking feet (adjustable from inside or outside the rack), locking front and rear doors, secure side panels, U-markings front and rear, baying kit and earth kit.

The RA Series racks all have the ability to be assembled within an aisle containment configuration with pre-fabricated end-of-row doors and horizontal roof panels which are also simple and quick to install.

Standard racks include:

- Fully assembled sturdy rack frame with load-bearing castors, jacking feet and integrated bolt-down facility
- Four painted infinitely adjustable (step-less)19" mounting rails within each bay with unit height markings on front and rear
- Secure cable channel ducting with removable cover secured with anti-tamper fixings
- Divider assembly between bays, with removable anti-tamper cable trunking blank panel
- Top panel configured with brush entry both sides
- Mesh front and rear doors
- Combination lock swing handles front and rear with key override facility
- Grounding kit
- 2 year standard warranty

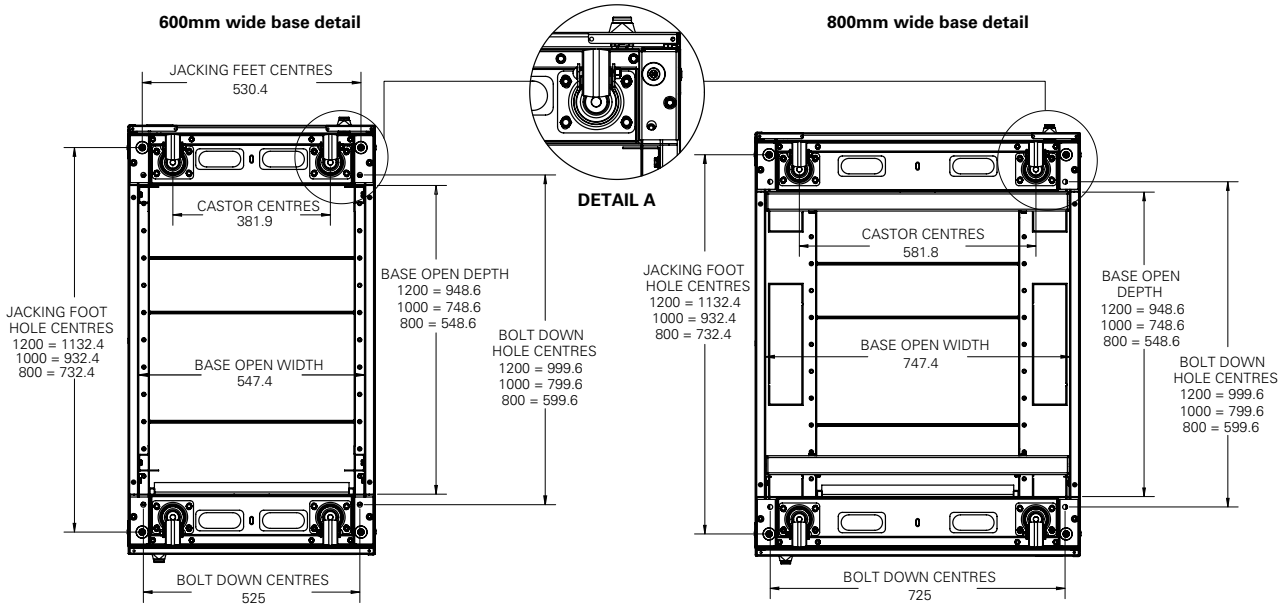
*4 bay only available in 47U height.



RA Series co-lo exploded view (2 bay 600 wide model shown);

①	Rack frame
②	Combination locking vented doors
③	Secure side panels
④	Top Panel, with side brush entry
⑤	Jacking Feet (4 off)
⑥	Secure cable trunking
⑦	HD Castors (4 off)

Eaton RA Series Co-locate IT Rack technical specifications & order codes



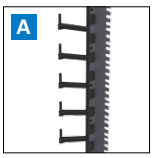
Equipment mounting height	**42U**	**42U**	**42U**	**42U**
Width & Depth (mm)	**600x1000D**	**600x1200D**	**800x1000D**	**800x1200D**
Order Code (Black finish)	**RAX42610PSB13**	**RAX42612PSB13**	**RAX42810PSB13**	**RAX42812PSB13**
Physical				
Number of bays	2	2	2	2
Mounting Units (U) per bay	20U	20U	20U	20U
Height (castors fitted as standard)	2076mm	2076mm	2076mm	2076mm
Height (castors removed)	2028mm	2028mm	2028mm	2028mm
Width	600mm	600mm	800mm	800mm
Depth	1040mm	1240mm	1040mm	1240mm
Weight of assembled rack	137kg	149kg	165kg	178kg
Front door	Perforated	Perforated	Perforated	Perforated
Rear door	Perforated	Perforated	Perforated	Perforated

Applicable to all RA Series racks in this range	
Rail Mounting Width	482.6mm (19") fully compliant to EIA-310-E
Static Load rating	1100kg evenly distributed
Dynamic Load rating	750kg evenly distributed
Colour	Black RAL 9005
Door opening angle	180° angle with non-bayed installations, left-hand hinged, field reversible. (140°for bayed racks)
Door perforation (vented door models);	80%
Regulatory approvals & standards	EIA-310-E, IEC / EN 60950, IEC / EN 60297, IEC 529
Protection class	IP20—when configured with doors and side panels
Warranty	2 years

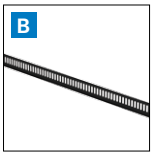
* Other configurations are available (eg 47U heights in 2 or 4 bay configurations, please contact us for further details).

Eaton offers a range of accessories and retrofit-able upgrades which provide users with the opportunity to optimize the rack and room environment according to installation demands and budget constraints. Many of these accessories can be used on rack platforms from multiple vendors (denoted "Universal").

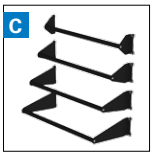
In-Rack horizontal cable management



Active Equipment Cable manager



Rack Frame Side support Rail



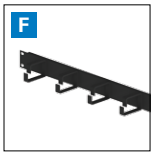
19-inch Cable Strain relief Bars



1U cable Through Support Panel



Cable Through 19-inch Panels



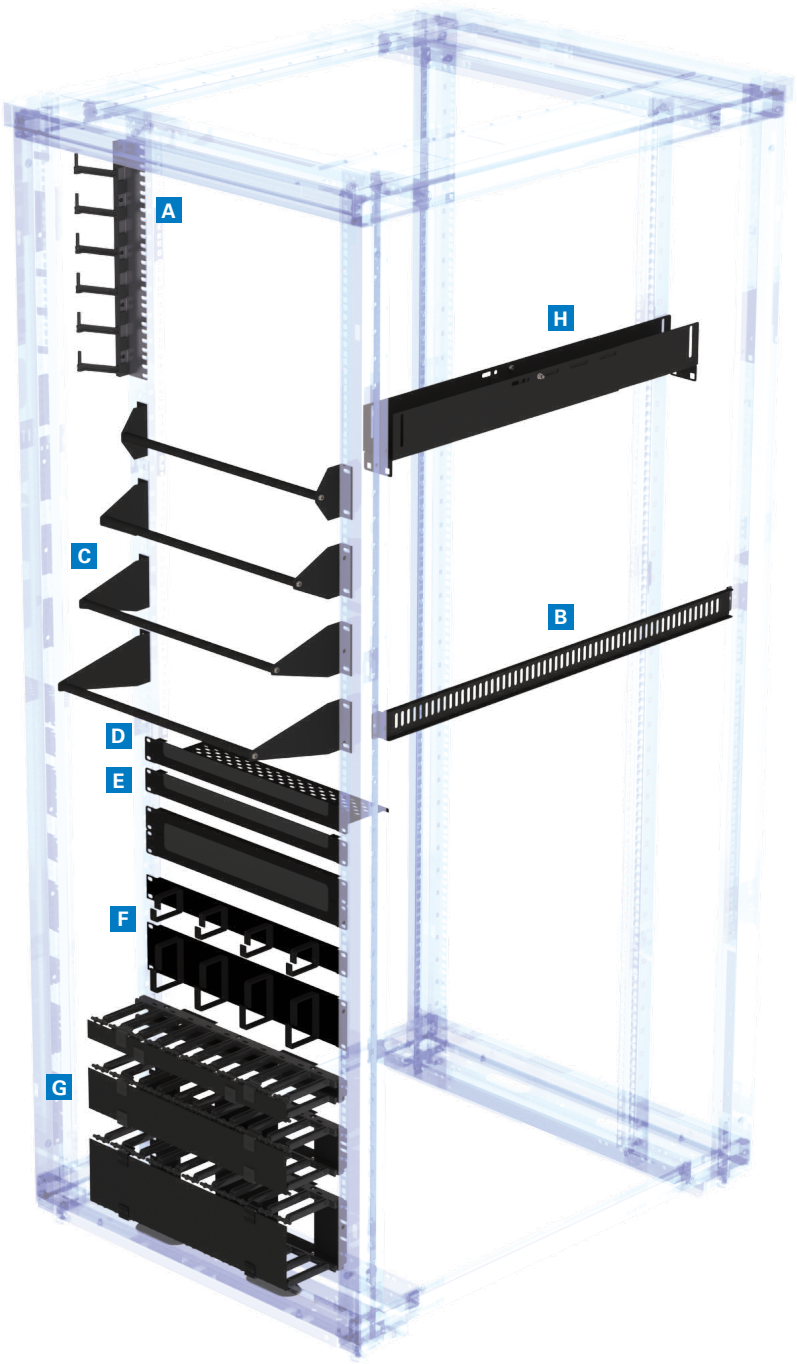
19-inch Horizontal Ring Managers



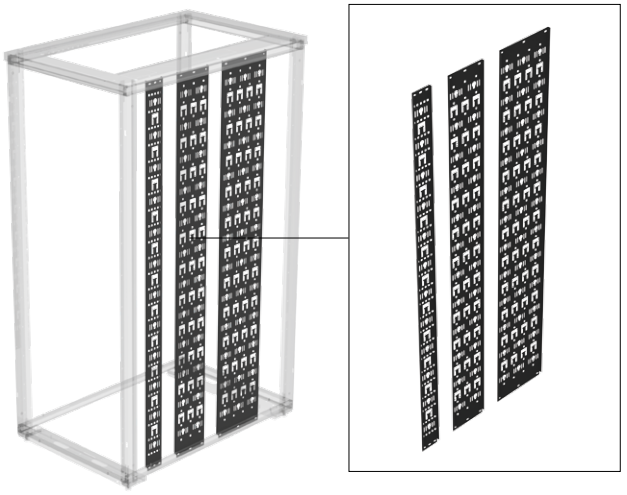
19-inch Horizontal High Density Cable Managers



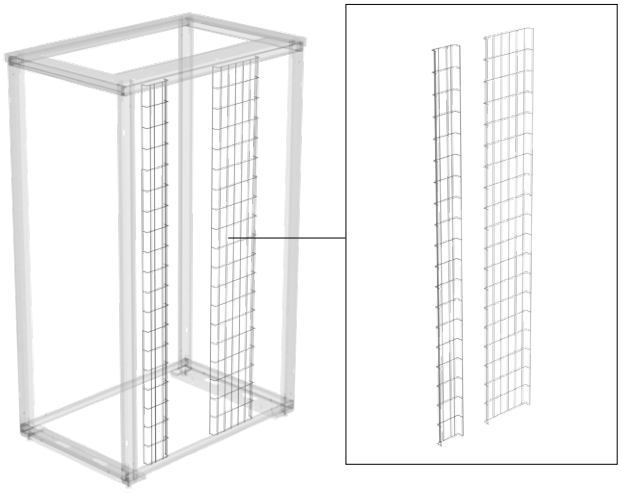
Adjustable Front-To-Rear Cable trough (800mm wide racks only)



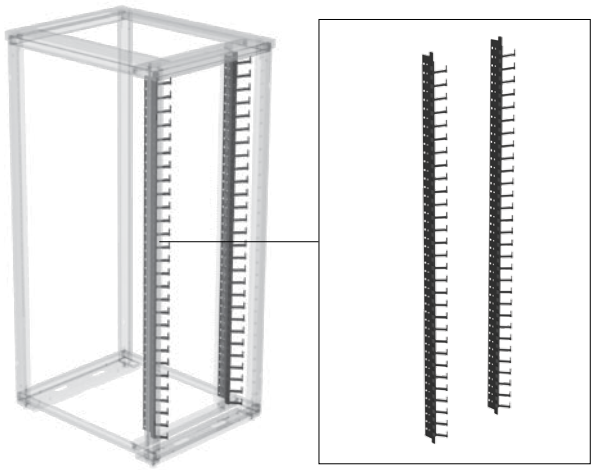
In-Rack vertical cable management



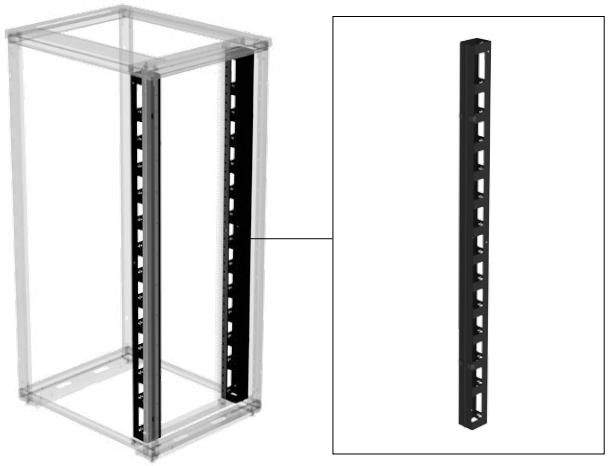
Full height Enhanced Cable Trays available in a range of widths



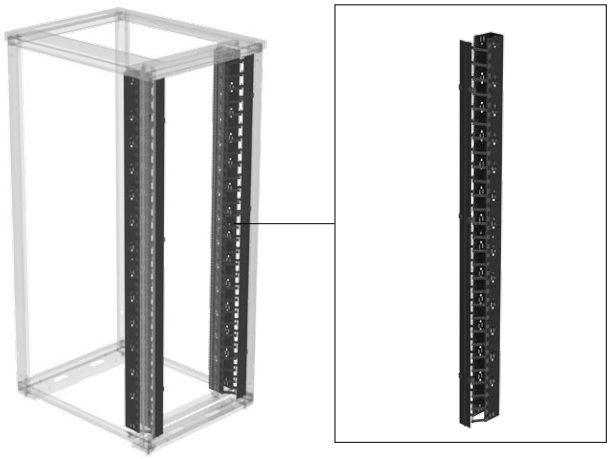
Full height Cable Baskets available in 2 widths



RCM Vertical Finger Kits available in height of 27U, 42U & 47U. Suitable for 600mm & 800mm wide racks



Standard Vertical Cable Manager kit available in height of 27U, 42U & 47U. Suitable for 800mm wide racks only



High Density Vertical Cable Manager kit available in height of 27U, 42U & 47U. Suitable for 800mm wide racks only

Cable management accessories

9U active equipment cable manager

These 9U cable managers secure to the 19-inch mounting rails. The fingers on the managers are designed to segregate and support the incoming cables, allowing data and power cables to be segregated whilst at the same time promoting bend radius control.



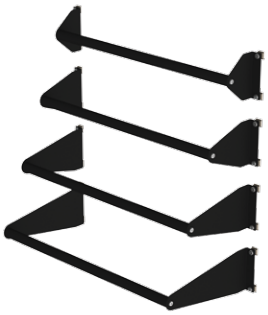
Features / Benefits

- Best suited to 800mm wide rack platforms
- Universal mount to EIA 310 compliant rails
- Finger spacing aligns to rack Us
- Promotes cable bend radius control
- 115mm Deep

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-9UECM	9U Active Equipment Cable Manager (1pcs)	•	•

19-inch cable strain relief bars

These bars mount across the aperture of any EIA 310 compliant 19-inch rails. They allow cables to be adequately supported, avoiding placing strain on the cable terminations and connections.



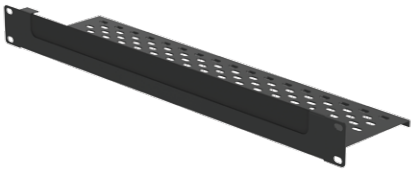
Features / Benefits:

- Universal mount to EIA 310 compliant rails
- Promotes cable bend radius control
- Multiple depths allow for transitioning of cable to different areas
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-CMRB19022U	2U Cable Strain Relief Bar 50mm Deep (1pcs)	•	•
ETN-CMRB19042U	2U Cable Strain Relief Bar 100mm Deep (1pcs)	•	•
ETN-CMRB19062U	2U Cable Strain Relief Bar 150mm Deep (1pcs)	•	•
ETN-CMRB19082U	2U Cable Strain Relief Bar 200mm Deep (1pcs)	•	•

19-inch cable entry & support panel

These 1U panels combine cable through and cable support features. The open edge brush entry allows the panels to be retrofitted after cabling. The brush helps seal around the cables promoting air management and system efficiency. The pierced support tray allows cable to be secured and supported, reducing strain on connections.



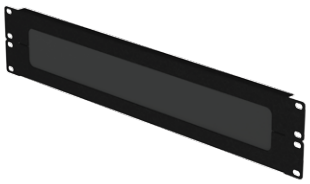
Features / Benefits:

- Universal mount to EIA 310 compliant rails
- Pierced tray allows cables to be supported and tied
- Promotes cable bend radius control

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-BSP1UB	1U Cable Entry & Support Panel (1pcs)	•	•

Cable pass through 19-inch blanking panels

These open brush strip panels allow fitment without disturbing cable connections, and allow cables to be passed through the 19-inch aperture without compromising in-rack air management.



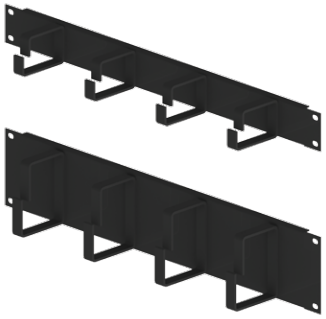
Features / Benefits

- Universal mount to all square pierced EIA 310 compliant rails
- Open panel allows fitment with cabling in-situ

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-OBSP1	Blanking Panel 19" Cable Brush Strip 1U	•	•
ETN-OBSP2	Blanking Panel 19" Cable Brush Strip 2U	•	•

19-inch horizontal cable managers

Available in 1U and 2U panel heights, these cable management panels are the industry default for the management of patch cabling. Configured with four rings per panel the 1U version is designed to managed 24 cables and the 2U version 48 cables.



Features / Benefits:

- Universal mount to EIA 310 compliant rails
- Open rings allow easy management of cables
- Cable ring depth: 70mm
- Finish; Black
- Supplied with cage nuts and screws for rack mounting

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-JRP1	1U Horizontal Cable Manager (1pcs)	•	•
ETN-JRP2	2U Horizontal Cable Manager (1pcs)	•	•

High density 19-inch horizontal managers

Horizontal cable managers are available in heights of 1U, 2U & 3U. The depth of the unit allows for higher density cabling. Units allow cable transitions across the rack space, front to rear through the 19-inch aperture and above and below the managers to adjacent devices or patch panels.



Features / Benefits:

- Universal mount to EIA 310 compliant rails
- Promotes cable bend radius control
- Clip-on hinged covers hide cable tails
- Unit depth: 145mm
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-HDHCM1UB	1U High Density Horizontal Cable Manager (1pcs)	•	•
ETN-HDHCM2UB	2U High Density Horizontal Cable Manager (1pcs)	•	•
ETN-HDHCM3UB	3U High Density Horizontal Cable Manager (1pcs)	•	•

RA Series adjustable depth cable troughs

These cable troughs are designed to mount into the side of 800mm wide RA Series racks with the 19-inch rails mounted centrally. These troughs mount directly to the 19-inch rails and incorporate adjustment to suit rail mounting centres. They provide the ideal solution for front-to-rear cable transition within the rack space.



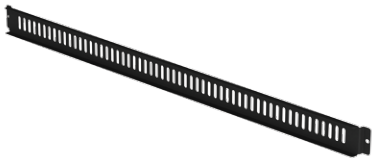
Features / Benefits

- Designed for 800mm RA Series racks only
- Varying depth options to suit differing 19-inch rail centres (450mm - 640mm & 640mm -1000mm)
- Supplied with fixings and mounting instructions

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RE2UCTK-1S	RA/RE 2U Cable Trough Kit 450-640 Black	•	n/a
RE2UCTK-2S	RA/RE 2U Cable Trough Kit 640-1000 Black	•	n/a

RA Series side support rails

Designed to mount into the side of the RA Series racks, these side support rails can be bolted in position at the top, middle and bottom of each rack side. They are slotted to allow ties to be used to secure services to the side of the racks. They can be used in conjunction with side panels in both 600mm and 800mm wide rack configurations.



Features / Benefits:

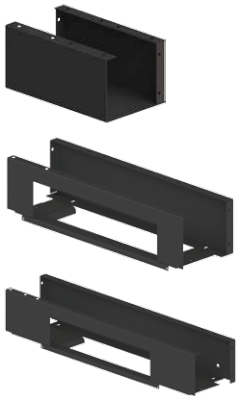
- Supplied with fixings and mounting instructions
- Finish; Black

Note: Not compatible when ETN-REEPDUMK PDU brackets are installed.

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RESSRK600S	RA/RE Side Support Rail Kit 600D - BLK (1pcs)	•	n/a
RESSRK800S	RA/RE Side Support Rail Kit 800D - BLK (1pcs)	•	n/a
RESSRK1000S	RA/RE Side support Rail Kit 1000D - BLK (1pcs)	•	n/a
RESSRK1200S	RA/RE Side Support Rail Kit 1200D - BLK (1pcs)	•	n/a

RA Series overhead cable trough kits

Designed to mount to the top of the RA Series racks, these overhead cable troughs are designed to route cabling running along the tops of the rack. These channels are used when racks are bayed-together in rows, to manage cables from one rack to another for example. The 300mm wide trough is designed to bridge a 300mm in-row a/c unit.



Features / Benefits:

- Supplied with fixings and mounting instructions
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
REOCTK3B	RA/RE Overhead Cable Trough Kit 300W-BLK (1 pcs)	•	n/a
REOCTK6B	RA/RE Overhead Cable Trough Kit 600W-BLK (1 pcs)	•	n/a
REOCTK8B	RA/RE Overhead Cable Trough Kit 800W-BLK (1 pcs)	•	n/a

Rack enhanced vertical cable trays



These Enhanced Cable Trays mount into the side of the RA Series racks. They provide the perfect securing method for cables, PDUs and various accessories.

They are designed to mount to the front-to-rear frame members using slide nuts, which allows them to be positioned to suit the application and space constraints. Standard RA Series racks include 2 of the 100mm enhanced cable trays as a standard fitment within the rear of the rack.

Features / Benefits

- Three width options
- Enhanced, to allow easy and quick fitment of ePDU, cable ties and accessories
- Supplied with fixings and mounting instructions
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RE27CTK100S	RA/RE 100mm Wide Cable Tray Kit 27U -BLK (1pcs)	•	n/a
RE27CTK200S	RA/RE 200mm Wide Cable Tray Kit 27U -BLK (1pcs)	•	n/a
RE27CTK300S	RA/RE 300mm Wide Cable Tray Kit 27U -BLK (1pcs)	•	n/a
RE42CTK100S	RA/RE 100mm Wide Cable Tray Kit 42U -BLK (1pcs)	•	n/a
RE42CTK200S	RA/RE 200mm Wide Cable Tray Kit 42U -BLK (1pcs)	•	n/a
RE42CTK300S	RA/RE 300mm Wide Cable Tray Kit 42U -BLK (1pcs)	•	n/a
RE47CTK100S	RA/RE 100mm Wide Cable Tray Kit 47U -BLK (1pcs)	•	n/a
RE47CTK200S	RA/RE 200mm Wide Cable Tray Kit 47U -BLK (1pcs)	•	n/a
RE47CTK300S	RA/RE 300mm Wide Cable Tray Kit 47U -BLK (1pcs)	•	n/a

Rack vertical cable baskets



Like the enhanced cable trays, these baskets mount into the side of the RA Series rack. They are designed to mount to the front-to-rear frame members using slide nuts which allow them to be positioned to suit the application and space constraints.

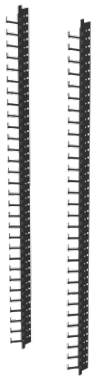
Features / Benefits:

- Two width options for varying cable volumes
- Ideally suited for 800mm wide rack applications
- Supplied with fixings and mounting instructions
- Finish; Zinc plated

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RE27CBK150ZP	RA/RE Cable Basket Kit 27U 150mm Wide (1pcs)	•	n/a
RE27CBK300ZP	RA/RE Cable Basket Kit 27U 300mm Wide (1pcs)	•	n/a
RE42CBK150ZP	RA/RE Cable Basket Kit 42U 150mm Wide (1pcs)	•	n/a
RE42CBK300ZP	RA/RE Cable Basket Kit 42U 300mm Wide (1pcs)	•	n/a
RE47CBK150ZP	RA/RE Cable Basket Kit 47U 150mm Wide (1pcs)	•	n/a
RE47CBK300ZP	RA/RE Cable Basket Kit 47U 300mm Wide (1pcs)	•	n/a

Rack vertical cable management fingers

Supplied in pairs, these cable management fingers are designed to mount to the sides of the rack's 19-inch rails. They will fit both 600mm and 800mm wide racks, but are ideally suited to the 800mm wide racks. They can be used in conjunction with the air baffle kits detailed later in this publication.



Features / Benefits

- Retro-fitable
- Promotes cable bend radius control
- Supplied with fixings and mounting instructions
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RERCMFK27S	RA/RE RCM Vert Finger Kit 27U Pair - BLK	•	n/a
RERCMFK42S	RA/RE RCM Vert Finger Kit 42U Pair - BLK	•	n/a
RERCMFK47S	RA/RE RCM Vert Finger Kit 47U Pair - BLK	•	n/a

Rack standard vertical cable manager

Supplied in single units, these standard vertical cable managers are designed to be mounted inside 800mm width racks. These managers are supplied with single hinged covers and incorporate cable-through features in the rear of the unit.



Features / Benefits:

- Retro-fitable
- Cost-effective cable management, with single hinged cover. All steel construction
- Supplied with fixings and mounting instructions
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RESVCMK27US	RA/RE STD VCM Kit 27U - BLK	•	n/a
RESVCMK42US	RA/RE STD VCM Kit 42U - BLK	•	n/a
RESVCMK47US	RA/RE STD VCM Kit 47U - BLK	•	n/a

Rack high density vertical cable manager

Supplied in single units, these high density vertical cable managers are designed to be mounted inside 800mm width racks. These managers are supplied with RCM fingers, hinged covers and incorporate cable-through features in the rear of the unit.



Features / Benefits:

- Retro-fitable
- High-density cable management with RCM fingers and hinged split covers
- Supplied with fixings and mounting instructions
- Finish; Black

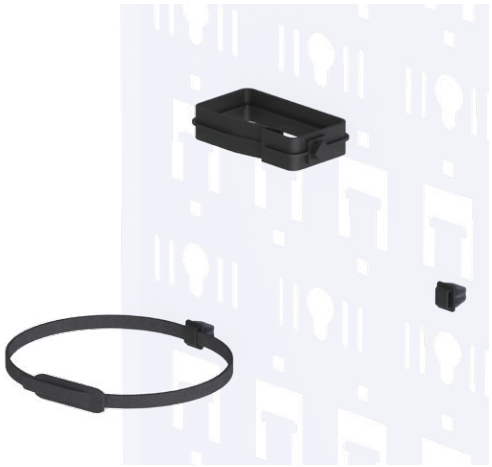
		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
REHDVCMK27US	RA/RE HD VCM Kit 27U - BLK (1pcs)	•	n/a
REHDVCMK42US	RA/RE HD VCM Kit 42U - BLK (1pcs)	•	n/a
REHDVCMK47US	RA/RE HD VCM Kit 47U - BLK (1pcs)	•	n/a

Quick-fit cable accessories

Requiring no tools , these simple cable accessories are quick to fit and provide an easy and secure method of securing cabling etc. They are compatible with our Enhanced Cable Trays, Vertical Cable Managers and the piercings on our 19-inch rails. They are also compatible with many racks where a 9.5mm x 9.5mm hole is used.

Hoop internal dimensions 35mm x 75mm. External dimensions 47mm x 87mm.

Hook & loop tie length 200mm



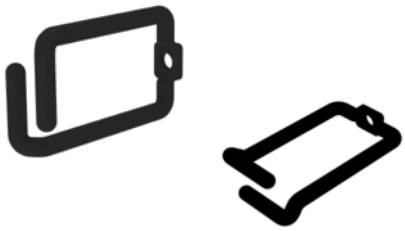
Features / Benefits:

- Retro-fitable
- Tool-less installation
- Push fit / twist and lock
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-QFCH10B	Eaton Quick Fit Cable Hoop-10pcs	•	•
ETN-QFCTM10B	Eaton Quick Fit Cable Tie Mount-10pcs	•	•
ETN-QFCVT10B	Eaton Quick Fit Hook & Loop Cable Tie - 10pcs	•	•

1U / 2U cable ring kits

1U and 2U high metal cable rings provide cable management capabilities in multiple locations. Each hoop can be screw-fixed in position using standard M6 screws.



Features / Benefits:

- Retro-fitable
- Open rings allow easy management of cables
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-CMDRNR031U	Cable Manager Ring Kit, 43x83mm 4pcs	•	•
ETN-CMDRNR032U	Cable Manager Ring Kit, 90x83mm 4pcs	•	•

Plastic cable rings

Available in two sizes these plastic rings provide cable management capabilities in multiple locations. Each hoop can be screw fixed into position using M6 screws.

ETN-CTS external dimensions approx. 90mm x 55mm x 29mm

ETN-CTL external dimensions approx. 127mm x 70mm x 29mm



Features / Benefits

- Retro-fitable
- Clip-locking provides secure cable management
- Finished Light grey

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-CTS	Cable Ring - Small Plastic, 1 pcs	•	•
ETN-CTL	Cable Ring - Large Plastic, 1 pcs	•	•
ETN-UCTFK	Fixing Kit—screws, washers & cage nuts (10 pcs)	•	•

Velcro® tie wraps

These Velcro tie wraps are available in two lengths to suit varying cable volumes. Ideal for safely bundling cables and securing to various structures on or inside a rack, these re-useable ties are ideal for use with cable trays, cable baskets, side support channels, vertical high density cable channels, horizontal cable ring managers, high density horizontal cable managers as well as other applications.



Features / Benefits:

- Retro-fitable
- Helps avoid damage to cables and promotes tidy cabling structures
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-BX45V8	Velcro tie wrap 200mm x 13mm (50 pcs)	•	•
ETN-BX45V11	Velcro tie wrap 280mm x 13mm (50 pcs)	•	•

Velcro buckle straps

These Velcro buckle straps are available in two lengths to suit varying cable volumes. Ideal for safely bundling cables and screw-fixing to various structures on or inside a rack, these re-useable straps are ideal for use with 10-inch mounting rails and other structures with secure screw mounting points.



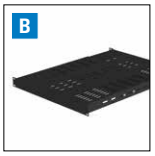
Features / Benefits:

- Can be used in many applications
- Helps avoid damage to cables and promotes tidy cabling structures
- Finish; Black

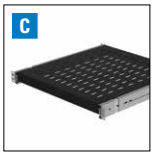
		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-CMVBCKL	Velcro buckle strap 230mm x 13mm (10 pcs)	•	•
ETN-CMVBCKL12	Velcro buckle strap 300mm x 13mm (10 pcs)	•	•



1U, 2U & 3U 10-inch mounted cantilever



Standard duty & heavy duty 19-inch mounted fixed adjust-able shelves



Standard duty 19-inch mounted sliding shelves -adjustable mounting depth



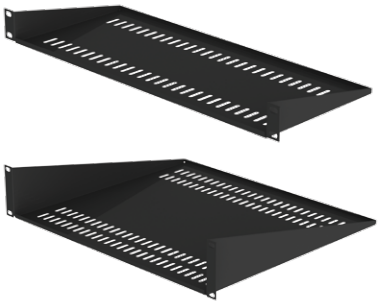
Heavy duty 19-inch mounted sliding shelves-adjustable mounting depth



					Rack depth (mm) / type				
Order code	**Description**	**Load rating**	**Min depth**	**Max depth**	**2-Post**	**600**	**800**	**1000**	**1200**
ETN-MS19B	1U x 190mm Deep Cantilever Shelf	25kg	190	n/a	•	•	•	•	•
ETN-MS40B	2U x 400mm Deep Cantilever Shelf	25kg	400	n/a	•	•	•	•	•
ETN-MS403B	3U x 400mm Deep Cantilever Shelf	25kg	400	n/a	•	•	•	•	•
ETN-SDFAS1U45B	1U Std Duty 450D Fixed Adjustable Shelf	100kg	450	750	n/a	•	•	•	•
ETN-HDFAS1U45B	1U Heavy Duty 450D Fixed Adjustable Shelf	250kg	450	750	n/a	•	•	•	•
ETN-HDFAS1U65B	1U Heavy Duty 650D Fixed Adjustable Shelf	250kg	650	950	n/a	n/a	•	•	•
ETN-LDATSV45B	Standard Sliding Shelf 450mm Deep	50kg	444	749	n/a	•	•	•	•
ETN-LDATSV55B	Standard Sliding Shelf 550mm Deep	50kg	444	812	n/a	n/a	•	•	•
ETN-LDATSV70B	Standard Sliding Shelf 700mm Deep	50kg	444	940	n/a	n/a	•	•	•
ETN-QRTSV45B	Heavy Duty Sliding Shelf 450mm Deep	125kg	363	513	n/a	•	•	•	•
ETN-QRTSV60B	Heavy Duty Sliding Shelf 600mm Deep	125kg	513	663	n/a	n/a	•	•	•
ETN-QRTSV75B	Heavy Duty Sliding Shelf 750mm Deep	125kg	663	813	n/a	n/a	•	•	•

Cantilever shelves

These shelves are designed to mount into any EIA 310 compliant 19-inch rack. They can be used to support non rack mounted IT components such as monitors and modems. Perforated mounting surface provides tie down points.



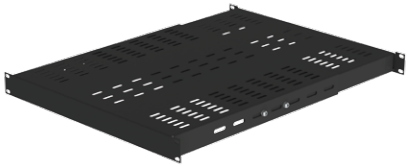
Features / Benefits

- Universal mount to EIA 310 compliant rails
- Load capacity 25kg evenly distributed (2 point mounting)
- Supplied with fixings and mounting instructions
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-MS19B	Shelf—19" Cantilever 1U x 190mm Deep	•	•
ETN-MS40B	Shelf—19" Cantilever 2U x 400mm Deep	•	•
ETN-MS403B	Shelf—19" Cantilever 3U x 400mm Deep	•	•

Standard duty fixed adjustable shelves

These shelves are designed to mount into any EIA 310 complaint 19-inch rack. They can be used to support non rack mounted IT components such as monitors and modems . Perforated mounting surface provides tie down points.



Features / Benefits:

- Universal mount to EIA 310 compliant rails
- Load capacity 100kg evenly distributed (4 point mounting)
- Supplied with fixings and mounting instructions
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-SDFAS1U45B	Shelf—19" Std Duty fixed Adjustable 1U x 450D	•	•

Heavy duty fixed adjustable shelves

These shelves are designed to mount into any EIA 310 complaint 19-inch rack. They can be used to support non rack mounted IT components such as monitors and modems . Perforated mounting surface provides tie down points.



Features / Benefits:

- Universal mount to EIA 310 compliant rails
- Load capacity 250kg evenly distributed (4 point mounting)
- Usable depth 450mm—Mounting rail centres 450—750mm
- Usable depth 650mm—Mounting rail centres 650—950mm
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-HDFAS1U45B	Shelf—19" Heavy Duty fixed Adjustable 1U x 450D	•	•
ETN-HDFAS1U65B	Shelf—19" Heavy Duty fixed Adjustable 1U x 650D	•	•

Standard duty sliding shelves

These shelves are designed to mount into any EIA310 compliant 19-inch rack. They can be used to support non rack mounted IT components such as monitors and modems. Perforated mounting surface provides tie down points.

Features / Benefits

- Universal mount to EIA 310 compliant rails
- Load capacity 50kg evenly distributed (4 point mounting)
- Supplied with fixings and mounting instructions
- Finish; Black



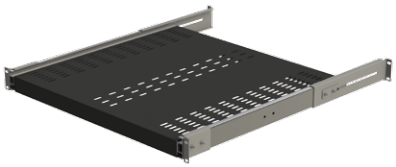
		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-LDATSV45B	Shelf—19" Standard Duty sliding 1U x 450mm Deep	•	•
ETN-LDATSV55B	Shelf—19" Standard Duty sliding 1U x 550mm Deep	•	•
ETN-LDATSV70B	Shelf—19" Standard Duty sliding 1U x 750mm Deep	•	•

Heavy duty sliding shelves

These shelves are designed to mount into any EIA310 compliant 19-inch rack. They can be used to support non rack mounted IT components such as monitors and modems. Perforated mounting surface provides tie down points.

Features / Benefits:

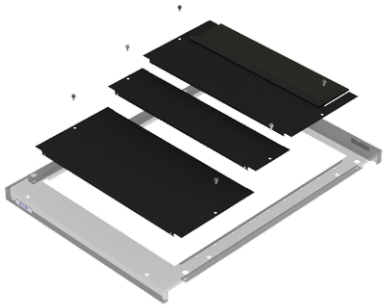
- Universal mount to EIA 310 compliant rails
- Load capacity 125kg evenly distributed (4 point mounting)
- Supplied with fixings and mounting instructions
- Finish; Black



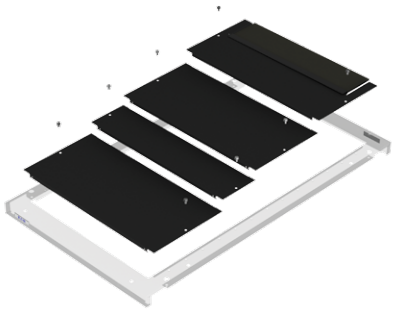
		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-QRTSV45B	Shelf—19" Heavy Duty sliding 1U x 450mm Deep	•	•
ETN-QRTSV60B	Shelf—19" Heavy Duty sliding 1U x 550mm Deep	•	•
ETN-QRTSV75B	Shelf—19" Heavy Duty sliding 1U x 750mm Deep	•	•

Rack top accessories

600mm Wide Racks

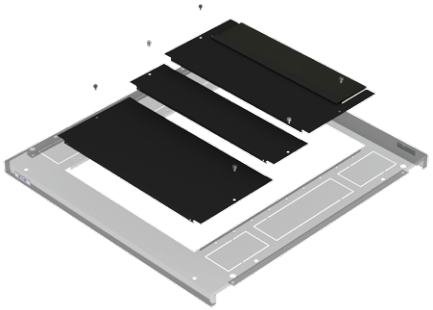


600mm wide x 800mm Deep

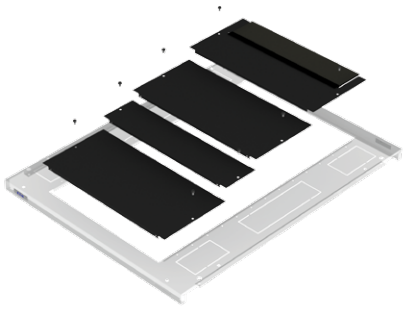


600mm wide x 1000mm Deep

800mm Wide Racks

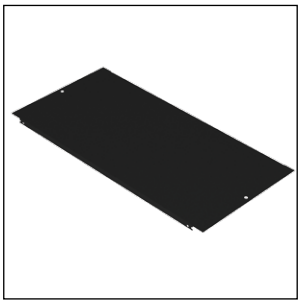


800mm wide x 800mm Deep

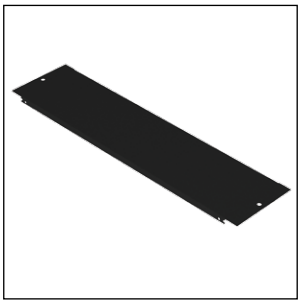


800mm wide x 1000mm Deep

	Front > Rear			
Part Code	**Front**	**Mid**	**Mid**	**Rear**
RAA27608PSB13	Plain Full	Plain Half	-	Brush Entry
RAB27608PSB13	Plain Full	Plain Half	-	Brush Entry
RAA27610PSB13	Plain Full	Plain Half	Plain Full	Brush Entry
RAA27808PSB13	Plain Full	Plain Half	-	Brush Entry
RAB27808PSB13	Plain Full	Plain Half	-	Brush Entry
RAA27810PSB13	Plain Full	Plain Half	Plain Full	Brush Entry
RAA42608PSB13	Plain Full	Plain Half	-	Brush Entry
RAB42608PSB13	Plain Full	Plain Half	-	Brush Entry
RAB42808PSB13	Plain Full	Plain Half	-	Brush Entry
RAA42610PSB13	Plain Full	Plain Half	Plain Full	Brush Entry
RAA42612PSB13	Plain Full	Plain Full	Plain full	Brush Entry
RAA42808PSB13	Plain Full	Plain Half	-	Brush Entry
RAA42810PSB13	Plain Full	Plain Half	Plain Full	Brush Entry
RAA42812PSB13	Plain Full	Plain Full	Plain full	Brush Entry
RAA47608PSB13	Plain Full	Plain Half	-	Brush Entry
RAA47610PSB13	Plain Full	Plain Half	Plain Full	Brush Entry
RAA47612PSB13	Plain Full	Plain Full	Plain full	Brush Entry
RAA47808PSB13	Plain Full	Plain Half	-	Brush Entry
RAA47810PSB13	Plain Full	Plain Half	Plain Full	Brush Entry
RAA47812PSB13	Plain Full	Plain Full	Plain full	Brush Entry



Plain Full top infill panel



Plain Half top infill panel.



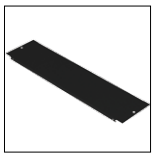
Brush Entry top infill panel

RA Series top infill panels and rack top upgrades.

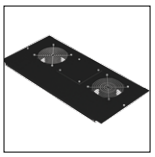
Using the default top panel configurations on the previous page, users can reconfigure the top of these racks to suit individual requirements.

Features / Benefits:

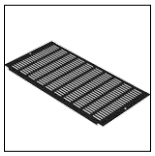
- Enables versatile top configurations to suit multiple applications
- Supplied with fixings and mounting instructions
- Finish; Black



Top Half Panel



Top Panel Fan Tray



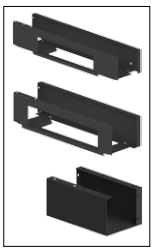
Top Vented Panel



Top Brush Kit (1 side, 800 wide racks only)



Top Brush Panel



Overhead Cable Trough Kits

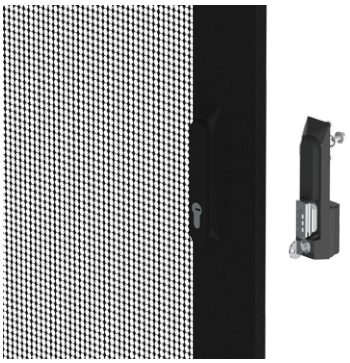
		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RETPHPKB	RA/RE Top Half Panel - BLK	•	n/a
REVTPKB	RA/RE Vented Top Panel - BLK	•	n/a
REBTPKB	RA/RE Brush Top Panel - BLK	•	n/a
REFT2230LKB	RA/RE Top Fan Tray (230VIEC) BLK	•	n/a
RETFT2230LKB	RA/RE Top Fan Tray Thermostat(230VIEC)BLK	•	n/a
RETPBK	RA/RE 800W Top Brush Kit 1 Side	•	n/a
REOCTK3B	RA/RE Overhead Cable Trough Kit 300W-BLK	•	n/a
REOCTK6B	RA/RE Overhead Cable Trough Kit 600W-BLK	•	n/a
REOCTK8B	RA/RE Overhead Cable Trough Kit 800W-BLK	•	n/a

Door locking upgrade kit

This upgrade kit allows users to upgrade the door locking option from a key locking swing handle to a mechanical 3-digit combination lock with key-override facility. The kit comprises a pair of combination handles supplied complete with fitting and user instructions to upgrade.

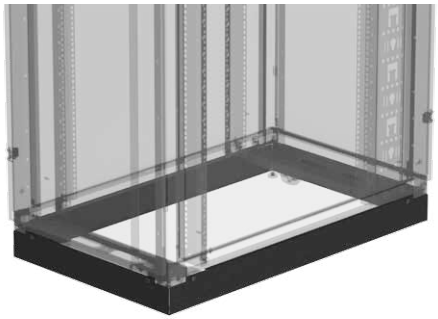
Features / Benefits:

- Allows separate codes to be set for different rack locations or groups of racks
- Completely retrofit-able
- Supplied with fitting and user instructions
- Finish; Black



		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-RECLUK	Combination Lock upgrade Kit	•	n/a

Plinth kit



These plinth kits comprise a pair of side kick plates and front and rear kick plates. The kits mount to the base of the RA Series rack using 1/4 turn snap in fixings. These plinth kits are designed to help close-off the gap between the rack and the floor.

Note: Fitment only to racks with standard castors.

Features / Benefits

- Easily fitted and removed
- Provides additional capacity for base entry incoming services
- Supplied with fitting and user instructions
- Finish; Black

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
REPK606B	RA/RE Plinth Panel Kit 600W 600D - BLK	•	n/a
REPK608B	RA/RE Plinth Panel Kit 600W 800D - BLK	•	n/a
REPK610B	RA/RE Plinth Panel Kit 600W 1000D - BLK	•	n/a
REPK612B	RA/RE Plinth Panel Kit 600W 1200D - BLK	•	n/a
REPK806B	RA/RE Plinth Panel Kit 800W 600D - BLK	•	n/a
REPK808B	RA/RE Plinth Panel Kit 800W 800D - BLK	•	n/a
REPK810B	RA/RE Plinth Panel kit 800W 1000D - BLK	•	n/a
REPK812B	RA/RE Plinth Panel Kit 800W 1200D - BLK	•	n/a

Stabiliser kit



These pull-out stabiliser kits are designed to stop the rack from tipping forward should a load be pulled out on a sliding shelf for example, during maintenance / swap-out work. The stabiliser includes a jacking foot which should be adjusted to contact the floor when the unit is in operation.

Features / Benefits:

- Easily fitted and removed
- Provides additional support to the rack
- Supplied with fitting and user instructions
- Finish; Yellow

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RESRK600Y	RA/RE Stabiliser Rail Kit 600D - YEL	•	n/a
RESRK800Y	RA/RE Stabiliser Rail Kit 800D - YEL	•	n/a
RESRK1000Y	RA/RE Stabiliser Rail Kit 1000D - YEL	•	n/a
RESRK1200Y	RA/RE Stabiliser Rail Kit 1200D - YEL	•	n/a

ePDU Mounting Brackets

Designed to mount to the vertical stiles of the RA Series rack, these ePDU mounting brackets allow Eaton's range of ePDUs to be optimally positioned in the rack space utilizing the ePDUs quick-mount bobbins. Each mounting kit can accommodate two vertically mounted ePDUs.



Features / Benefits:

- Accommodates 2 vertically-mounted ePDUs
- Supplied with fitting and user instructions
- Finish; Black

Note: Not compatible when side Side support Rail Kits are fitted.

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-REEPDUMK	RA/RE Series ePDU Mounting Kit (pair)	•	n\a

Bolt-together kit

Each RA Series rack is configured with holes in the rack frame verticals allowing rows of same height racks to be bolted together for optimised stability and thermal efficiency. Racks of differing depths can also be bolted together with racks levelled along the front of the row. These kits are supplied as standard in all standard RA Series racks.



Features / Benefits:

- Simple kit for easy on-site installation
- Supplied with fitting and user instructions

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-BTK	RA Series Baying Kit (1pcs)	•	n\a

Unit height labels

These self-adhesive labels can be easily fitted to most 19-inch mounting rails and are especially suitable for Eaton rack models. The labels help identify each equipment mounting "U" numbering equipment slots from bottom to top. These labels are supplied fitted as.



Features / Benefits

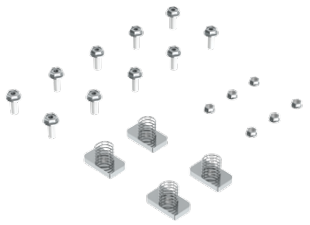
- Self-adhesive labels for easy mounting
- Numbered 1—47 bottom to top
- White background with black numbers for easy U identification

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-AUHLR	U-Height Labels—Bottom to Top (pair)	•	n\a

Fixing kits

Fixing kits for installing equipment and accessories into the racks 19-inch rails.

ETN-FIXKIT comprises spring-nuts and screws to allow additional accessories to be secured



Features / Benefits

- Supplied bagged for on-site installation
- Supplied with fitting instructions

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-FPFP	Fixings—Screw, Washer & cage (50pcs)	•	•
ETN-FPFC	Fixings—Screw, Cup Washer & Cage (50 pcs)	•	•
ETN-FIXKIT	Rack Frame Fixing Kit	•	n/a

RA Series earth kit

Rack earth kits contain all the cable and fixings required to ground the rack components, providing earth continuity through the structure. These kits are supplied as standard in all standard RA Series racks, but can also be used to earth accessories such as rack shelves etc.



Features / Benefits

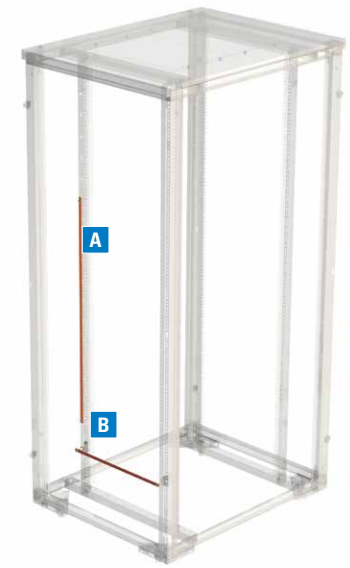
- Supplied bagged for on-site installation
- Supplied with fitting instructions

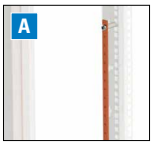
		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-EK	RA/RE Series Earth Kit	•	n/a

Universal rack earth bar kits

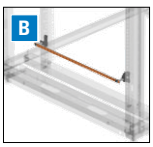
Eaton's 19-inch mounted earth bar kits can be fitted to any EIA 310 compliant rack. The universal kit takes up 1U of equipment space and can easily be positioned in any available slot. Importantly our design ensures that the earth bar is isolated from the rack allowing the building clean earth to be directly connected. Connecting the equipment mounted in the rack to the earth bar ensures continuity and optimal operation of the infrastructure, particularly important with higher performance cabling systems.

The vertically mounted kits also operate in the same principal, and can be fitted in all racks where vertical space allows.





Vertical Earth Bar Assembly



19-Inch Earth Bar Assembly



Optional Earth Bar Clamps

Features / Benefits:

- Universal mount to all EIA 310 compliant rails
- Multiple earth points
- Supplied with all applicable fixings for square-pierced 19-inch rails

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-U19EBK	Universal Rack 19" Earth Bar Kit (1pcs)	•	•
ETN-EBK1	Earth Bar Kit 1000mm (1pcs)	•	•
ETN-EBK2	Earth Bar Kit 2000mm (1pcs)	•	•
ETN-EBIM	Earth Bar isolation mounts (2pcs)	•	•
ETN-EBL20	Earth Bar Clamps (20pcs)	•	•

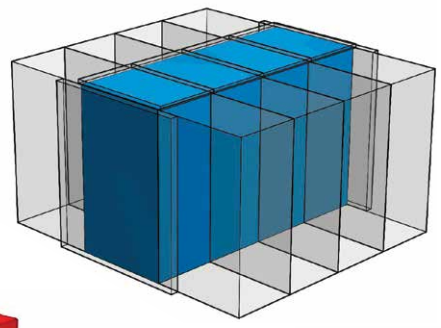
Industry studies indicate that an estimated 60 percent of the cool air supplied to traditional datacentres is wasted because it bypasses the intended IT equipment and returns directly to the hot air intake of the Computer Room Air Conditioner (CRAC).

Eaton's Airflow Management Solutions optimize power and cooling infrastructure, improve information processing density, create a greener data center and increase spatial flexibility for the data center manager all while saving money for our customers. Following some simple strategies can significantly improve operational efficiencies and lower the OPEX costs.

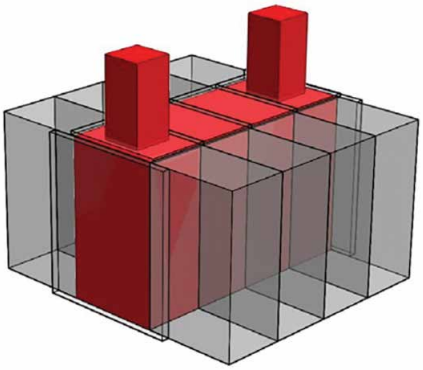
1. Adopting a room layout which sees racks aligned in hot and cold aisle configurations helps to avoid warm exhaust air being directly drawn into the air intake path of an adjacent rack.
2. Fitting 19-inch blacking panels in vacant equipment slots and deploying rack baffling helps to avoid recirculation in the rack space. Managing the segregation of the supply and return air helps to maximize the cooling infrastructure effectiveness by delivering air to the equipment intakes at the optimal temperature and volume.
3. Deploying cold or hot aisle containment strategy increases air efficiencies, allowing a significant reduction in cold air supply, enabling longer hardware life and valuable energy savings.

Eaton's containment solutions will significantly lower data center energy demands and associated energy costs. Eaton offers a wide range of partial and total containment solutions that can accommodate hot-aisle containment, cold aisle containment and rack-based heat containment. Eaton takes a consultative approach to helping our clients optimize solutions. Because each data center has its own unique issues, especially in relation to energy management, we do not advocate one containment concept over another. Rather, we work with data center professionals to audit current operations and then develop a comprehensive airflow management strategy that delivers the energy management control and savings that make the most sense for the facility in question.

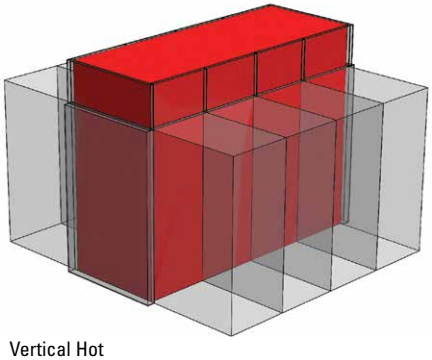
The solution may be heat containment at the rack level, hot- aisle or cold-aisle containment. It might also be a combination of more than one of these approaches, depending on the layout of the data center. Whatever the need, Eaton has the expertise, flexibility and capacity to work with our customers, to not only provide them with a customized solution, but also to assist them in the stages leading up to total aisle containment. The result is improved data center operations and reduced energy consumption.



Cold Aisle
Containment



Ducted Hot
Aisle Containment



Vertical Hot
Aisle Containment

Eaton offers a range of accessories and retrofit-able upgrades which provide users with the opportunity to optimize the rack and room environment according to installation demands and budgetary constraints. Many of these accessories can be used on rack platforms from multiple vendors (denoted "Universal")

Our solutions meet many of the "Best Practice" recommendations detail in the European Code of Conduct on Data Centre Efficiency. By managing air flow segregation and the air flow through a facility, users can take advantage of lower operational costs or improved equipment capacity whilst minimising power consumption.

Temperature strips

These simple self-adhesive labels have a scaled indicator which changes colour according to the localized air temperature. The labels enable users to see at a quick glance the current condition of the rack and help identify potential locations of concern.



Features / Benefits

- Simple graphical indication of localized air temperature
- Temperature range 10°C—40°C
- Labels measure 202mm x 18mm
- Durable self-adhesive backing

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
WLTEMPSTRIP10	Temperature strip (10pcs)	•	•
WLTEMPSTRIP	Temperature strip (100pcs)	•	•

Floor grommets

Eaton's floor grommets help optimize the effectiveness of raised floor air delivery by helping to eliminate bypass airflow. Our range of floor grommets seal around the incoming services minimizing air leakage and helping to maintain the static pressure in the floor void.



ETN-FLRGR118



GTAG1



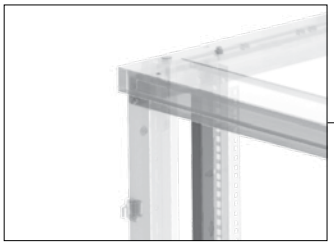
GTAG3

Features / Benefits

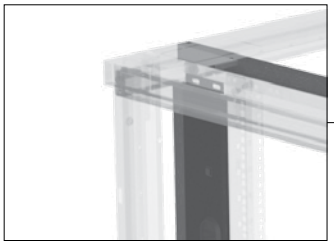
- Retrofit-able
- Maintains optimal underfloor static pressure
- Helps to reduce operational cost and maximize equipment densities
- Split design allows installation in live environments

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-FLRGR118	Floor Grommet 280mm x 210mm (1pcs)	n/a	•
ETN-FLRGR76	Floor Grommet 190mm x 165mm (1pcs)	n/a	•
GTAG1	Floor Grommet, Air Guard 265 x 115mm cut (1pcs)	n/a	•
GTAG3	Floor Grommet, Air Guard 200 x 200mm (1pcs)	n/a	•

Fitting 19-inch blacking panels in vacant equipment slots and deploying rack baffling helps to avoid recirculation in the rack space. Managing the segregation of the supply and return air helps to maximize the cooling infrastructure effectiveness by delivering air to the equipment intakes at the optimal temperature and volume.



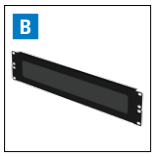
600mm wide Air baffle kit



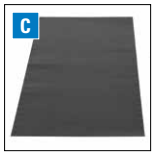
800mm wide Air baffle kit



Clip in plastic blank-ing panels available in 1U, 2U & 8U heights



Cable Through 19-inch Panels



PlenaFill tear off blanking panels available in 27U sheets with clip in fixings



Clip-in tool-less 19-inch blanking panels

Designed to be used in any 19-inch compliant rack, these simple clip-in panels are available in a range of U heights and pack quantities. Quick and easy to deploy, these panels simply snap into position without the need for any tools.

19-inch blanking panels help avoid the mixing and recirculation of air in the rack space.



Features / Benefits

- Clip-in tool-less installation
- Universal 19-inch compliant
- Eaton branded

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-PBP1U10	19" Blanking Panel—Clip-on Plastic 1U (10pcs)	•	•
ETN-PBP1U100	19" Blanking Panel—Clip-on Plastic 1U (100pcs)	•	•
ETN-PBP2U10	19" Blanking Panel—Clip-on Plastic 2U (10pcs)	•	•
ETN-PBP2U100	19" Blanking Panel—Clip-on Plastic 2U (100pcs)	•	•
ETN-PBP8U10	19" Blanking Panel—Clip-on Plastic 8U (10pcs)	•	•
ETN-PBP8U100	19" Blanking Panel—Clip-on Plastic 8U (100pcs)	•	•

PlenaFill® tear off 19-inch blanking panels

Each sheet comprises of 27 off 1U tear-off blanking panels manufactured from UL-VO, class 94 fire retardant plastic. Users can simply tear the panel to the desired U height allowing simple and easy adaption to individual installation requirements.



Features / Benefits:

- Universal mount to all square pierced EIA 310 compliant rails
- Tear to unit height to suit application
- Quick fit mounting allowing fitting in seconds
- Fully re-usable
- Low weight

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-PFBP27U1	19" Blanking Panel—27U Tear Off PlenaFill (1pcs)	•	•
ETN-CBLPF-BR	19" Blanking Panel—Snap Rivets Square Hole PlenaFill (50pcs)	•	•
ETN-PFBP27U10	19" Blanking Panel—27U Tear Off PlenaFill Panels (10pcs)	•	•

Grommet oval

Oval grommet which fits into the front and rear bottom cross channels in RA Series racks, allowing cable pass-through to minimise air leakage and protect the cables. Also used in the 800mm wide air baffle kits as standard fitment.



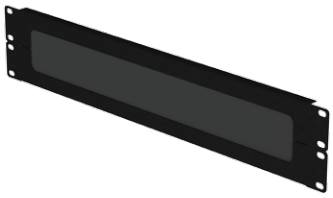
Features / Benefits:

- 38mm x 100mm oval grommet
- Easily score and pass cables through

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-ACCGROM	Grommet, oval 38x100mm [1.5x4"] 10pc	•	n/a

Cable pass through 19-inch blanking panels

These open brush strip panels allow fitment without disturbing cable connections, and allow cables to be passed through the 19-inch aperture without compromising in-rack air management.



Features / Benefits

- Universal mount to all square pierced EIA 310 compliant rails
- Open panel allows fitment with cabling in-situ

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
ETN-OBSP1	Blanking Panel 19" Cable Brush Strip 1U	•	•
ETN-OBSP2	Blanking Panel 19" Cable Brush Strip 2U	•	•

600mm wide air management baffle kits

These baffle kits are designed to seal the gaps between the 19-inch rails and the rack frame side panels, and the gap at the top and bottom or the rack. Baffle kits coupled with 19-inch blanking panels provide in-rack air management and help avoid the mixing



Features / Benefits

- Retrofit-able
- Easy to install
- Promotes optimal air flow through the rack space
- Helps lower operational costs and facilitates higher equipment densities

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
REBK276S	RA/RE 27U Baffle Kit 600W - BLK	•	n/a
REBK426S	RA/RE 42U Baffle Kit 600W - BLK	•	n/a
REBK476S	RA/RE 47U Baffle Kit 600W - BLK	•	n/a

800mm wide air management baffle kits

Like the 600mm wide baffle kits, these baffle kits are designed to seal the gaps between the 19-inch rails and the rack frame side panels, and the gap at the top and bottom or the rack. Baffle kits coupled with 19-inch blanking panels provide in-rack air management and help avoid the mixing of supply and exhaust air to improve efficiency and reduce operating costs.



Features / Benefits

- Retrofit-able
- Easy to install
- Promotes optimal air flow through the rack space

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
REBK278S	RA/RE 27U Baffle Kit 800W - BLK	•	n/a
REBK428S	RA/RE 42U Baffle Kit 800W - BLK	•	n/a
REBK478S	RA/RE 47U Baffle Kit 800W - BLK	•	n/a

Eaton's aisle containment systems for the RA Series racks delivers energy saving airflow management for small to medium data centre applications.



Designed for fast and easy installation, these aisle containment systems provide an affordable solution for energy saving cold aisle containment installations. These completely modular systems allow extensions or reconfigurations as a pod changes or expands.

The systems attach to 42U or 47U high Eaton RA series racks, and span 1200mm wide aisles. Roof panels connect to equal-width racks on either side of the aisle, and can be cut to install fire suppression systems.

There are 2 systems to choose from, depending on functional requirement and budgetary constraints;

A A split swing-door system with fixed roof panels.

B A sliding door system with fixed or active roof panels.

End-of-Row door kits include:

- Split, swing-style door pre-assembled with toughened glass window
- Door frame
- All hardware to attach doors to IT rack and floor

Roof panel kits include:

- Acrylic panel
- Panel frame with hook & loop seal
- All hardware to attach panels to racks and adjacent roof panels

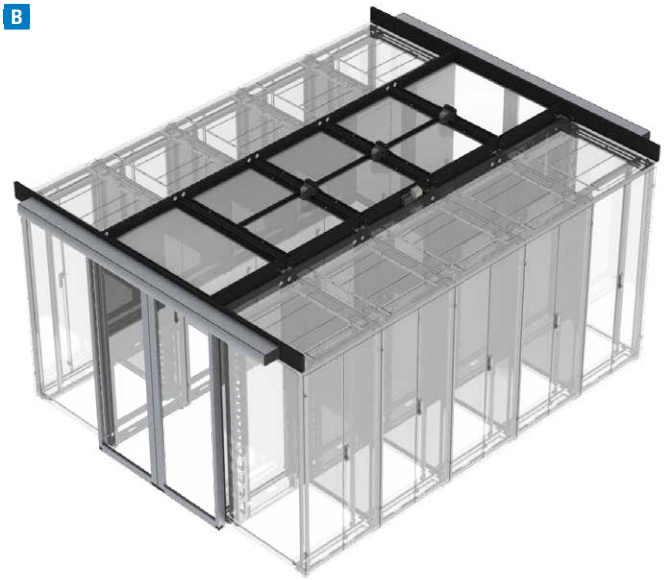
Swing-door system with fixed roof panels.

This simple system is designed for fast and easy installation where the end-user requires an efficient but basic cold aisle containment solution.

Note: For fitment to RA Series racks, the standard rack castors must be removed and the racks levelled on the standard jacking feet.

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RCACUHD12KB	RA Series Containment Split Swing Doors 1200W, BLK	•	n/a
RCACRP0812KB	RA Series Aisle Roof Panel (800Wx1200A), BLK, (1pcs)	•	n/a
RCACRP0612KB	RA Series Aisle Roof Panel (600Wx1200A), BLK, (1pcs)	•	n/a

B



B sliding door system with fixed or active roof panels.

This sliding door system is designed for fast and easy installation where the end-user requires an efficient cold aisle containment solution with space-saving sliding doors and roof panels which can either be fixed or active. Active roof panels have the ability to automatically open in the event of a trigger from the Building Management System for example.

Note: This system does not require the removal of the RA Series rack castors. For active roof installations, 1 Active Roof Master (RAACMR0612B or RAACMR0812B) must be ordered, with the remaining active roof panels to be Active Roof Slave (RAACSR0612B or RAACSR0812B) panels. The active roof system must be wired into the Building Management System or alternative control system to enable the operation of the active roofs. The active roof panels will open when power is cut to them.

End-of-Row door kits include:

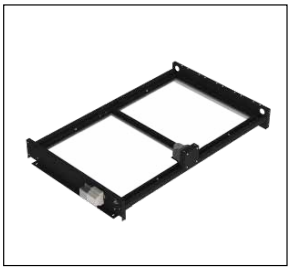
- Split, sliding-style door pre-assembled with toughened glass window
- Door frame /header assembly
- All hardware to attach doors to IT racks and floor

Roof panel kits include:

- Acrylic panel
- Panel frame with hook & loop seal
- All hardware to attach panels to racks and adjacent roof panels



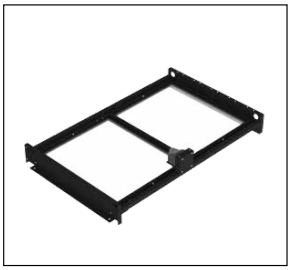
Fixed Roof Panel



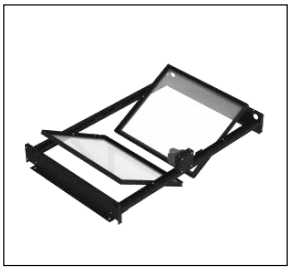
Active Roof Master
(shown closed)



Active Roof Master
(shown open)



Active Roof Slave
(shown closed)



Active Roof Slave
(shown open)

		Compatibility	
Part code	**Description**	**RA Series**	**Universal**
RAACDAS421012B	RA/RE 42U 10D 12A EOA DBL Doors - BLK	•	n/a
RAACDAS471012B	RA/RE 47U 10D 12A EOA DBL Doors - BLK	•	n/a
RAACDAS421212B	RA/RE 42U 12D 12A EOA DBL Doors - BLK	•	n/a
RAACDAS471212B	RA/RE 47U 12D 12A EOA DBL Doors - BLK	•	n/a
RAACMR0612B	RA/RE Active Roof Master 600W 1200A BLK	•	n/a
RAACMR0812B	RA/RE Active Roof Master 800W 1200A BLK	•	n/a
RAACSR0612B	RA/RE Active Roof Slave 600W 1200A BLK	•	n/a
RAACSR0812B	RA/RE Active Roof Slave 800W 1200A BLK	•	n/a
RAACFR0312B	RA/RE Fixed Roof 300W 1200A BLK	•	n/a
RAACFR0612B	RA/RE Fixed Roof 600W 1200A BLK	•	n/a
RAACFR0812B	RA/RE Fixed Roof 800W 1200A BLK	•	n/a

Notes

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